

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/728,463DATE: 08/26/97
TIME: 14:32:25

INPUT SET: S19904.raw

6 Y.R.
9/05/97

This Raw Listing contains the General
Information Section and up to the first 5 pages.

SEQUENCE LISTING

ENTERED

1
2
3 (1) General Information:
4
5 (i) APPLICANT: Lonberg, Nils
6 Kay, Robert M.
7
8 (ii) TITLE OF INVENTION: Transgenic Non-Human Animals for
9 Producing Heterologous Antibodies
10
11 (iii) NUMBER OF SEQUENCES: 409
12
13 (iv) CORRESPONDENCE ADDRESS:
14 (A) ADDRESSEE: Townsend and Townsend and Crew LLP
15 (B) STREET: Two Embarcadero Center, Eighth Floor
16 (C) CITY: San Francisco
17 (D) STATE: California
18 (E) COUNTRY: USA
19 (F) ZIP: 94111-3834
20
21 (v) COMPUTER READABLE FORM:
22 (A) MEDIUM TYPE: Floppy disk
23 (B) COMPUTER: IBM PC compatible
24 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
25 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
26
27 (vi) CURRENT APPLICATION DATA:
28 (A) APPLICATION NUMBER: US Not yet assigned
29 (B) FILING DATE: Not yet assigned
30 (C) CLASSIFICATION:
31
32 (vii) PRIOR APPLICATION DATA:
33 (A) APPLICATION NUMBER: US 08/544,404
34 (B) FILING DATE: 10-OCT-1995
35
36 (vii) PRIOR APPLICATION DATA:
37 (A) APPLICATION NUMBER: US 08/352,322
38 (B) FILING DATE: 07-DEC-1994
39
40 (vii) PRIOR APPLICATION DATA:
41 (A) APPLICATION NUMBER: US 08/209,741
42 (B) FILING DATE: 09-MAR-1994
43
44 (vii) PRIOR APPLICATION DATA:
45 (A) APPLICATION NUMBER: US 08/165,699
46 (B) FILING DATE: 10-DEC-1993

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47
48 (vii) PRIOR APPLICATION DATA:
49 (A) APPLICATION NUMBER: US 08/161,739
50 (B) FILING DATE: 03-DEC-1993
51
52 (vii) PRIOR APPLICATION DATA:
53 (A) APPLICATION NUMBER: US 08/155,301
54 (B) FILING DATE: 18-NOV-1993
55
56 (vii) PRIOR APPLICATION DATA:
57 (A) APPLICATION NUMBER: US 08/096,762
58 (B) FILING DATE: 22-JUL-1993
59
60 (vii) PRIOR APPLICATION DATA:
61 (A) APPLICATION NUMBER: US 08/053,131
62 (B) FILING DATE: 26-APR-1993
63
64 (vii) PRIOR APPLICATION DATA:
65 (A) APPLICATION NUMBER: US 07/990,860
66 (B) FILING DATE: 16-DEC-1992
67
68 (vii) PRIOR APPLICATION DATA:
69 (A) APPLICATION NUMBER: US 07/904,068
70 (B) FILING DATE: 23-JUN-1992
71
72 (vii) PRIOR APPLICATION DATA:
73 (A) APPLICATION NUMBER: US 07/853,408
74 (B) FILING DATE: 18-MAR-1992
75
76 (vii) PRIOR APPLICATION DATA:
77 (A) APPLICATION NUMBER: US 07/810,279
78 (B) FILING DATE: 17-DEC-1991
79
80 (vii) PRIOR APPLICATION DATA:
81 (A) APPLICATION NUMBER: US 07/575,962
82 (B) FILING DATE: 31-AUG-1990
83
84 (vii) PRIOR APPLICATION DATA:
85 (A) APPLICATION NUMBER: US 07/574,748
86 (B) FILING DATE: 29-AUG-1990
87
88 (vii) PRIOR APPLICATION DATA:
89 (A) APPLICATION NUMBER: WO PCT/US91/06185
90 (B) FILING DATE: 29-AUG-1991
91
92 (viii) ATTORNEY/AGENT INFORMATION:
93 (A) NAME: Apple, Randolph T. •
94 (B) REGISTRATION NUMBER: 36,429
95 (C) REFERENCE/DOCKET NUMBER: 014643-009020
96
97 (ix) TELECOMMUNICATION INFORMATION:
98 (A) TELEPHONE: (415) 576-0200
99 (B) TELEFAX: (415) 576-0300

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100
101
102 (2) INFORMATION FOR SEQ ID NO:1:
103
104 (i) SEQUENCE CHARACTERISTICS:
105 (A) LENGTH: 10 base pairs
106 (B) TYPE: nucleic acid
107 (C) STRANDEDNESS: single
108 (D) TOPOLOGY: linear
109
110 (ii) MOLECULE TYPE: DNA
111
112
113 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
114
115 CTAADTGGGG
116
117
118 (2) INFORMATION FOR SEQ ID NO:2:
119
120 (i) SEQUENCE CHARACTERISTICS:
121 (A) LENGTH: 5 amino acids
122 (B) TYPE: amino acid
123 (C) STRANDEDNESS:
124 (D) TOPOLOGY: linear
125
126 (ii) MOLECULE TYPE: peptide
127
128
129 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
130
131 Asp Ala Phe Asp Ile
132 1 5
133
134
135 (2) INFORMATION FOR SEQ ID NO:3:
136
137 (i) SEQUENCE CHARACTERISTICS:
138 (A) LENGTH: 5 amino acids
139 (B) TYPE: amino acid
140 (C) STRANDEDNESS:
141 (D) TOPOLOGY: linear
142
143 (ii) MOLECULE TYPE: peptide
144
145
146 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
147
148 Asp Tyr Phe Asp Tyr
149 1 5
150
151
152 (2) INFORMATION FOR SEQ ID NO:4:

10

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153
154 (i) SEQUENCE CHARACTERISTICS:
155 (A) LENGTH: 5 amino acids
156 (B) TYPE: amino acid
157 (C) STRANDEDNESS:
158 (D) TOPOLOGY: linear
159
160 (ii) MOLECULE TYPE: peptide
161
162
163 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
164
165 Gly Ala Phe Asp Ile
166 1 5
167
168
169 (2) INFORMATION FOR SEQ ID NO:5:
170
171 (i) SEQUENCE CHARACTERISTICS:
172 (A) LENGTH: 4 amino acids
173 (B) TYPE: amino acid
174 (C) STRANDEDNESS:
175 (D) TOPOLOGY: linear
176
177 (ii) MOLECULE TYPE: peptide
178
179
180 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
181
182 Lys Glu Arg Val
183 1
184
185
186 (2) INFORMATION FOR SEQ ID NO:6:
187
188 (i) SEQUENCE CHARACTERISTICS:
189 (A) LENGTH: 4 amino acids
190 (B) TYPE: amino acid
191 (C) STRANDEDNESS:
192 (D) TOPOLOGY: linear
193
194 (ii) MOLECULE TYPE: peptide
195
196
197 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
198
199 Asn Asp Ser Val
200 1
201
202
203 (2) INFORMATION FOR SEQ ID NO:7:
204
205 (i) SEQUENCE CHARACTERISTICS:

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206 (A) LENGTH: 12 base pairs
207 (B) TYPE: nucleic acid
208 (C) STRANDEDNESS: single
209 (D) TOPOLOGY: linear
210

211 (ii) MOLECULE TYPE: RNA
212

213
214 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:
215

216 AAAGAAAGAG UU

12

217
218
219 (2) INFORMATION FOR SEQ ID NO:8:
220

221 (i) SEQUENCE CHARACTERISTICS:
222 (A) LENGTH: 12 base pairs
223 (B) TYPE: nucleic acid
224 (C) STRANDEDNESS: single
225 (D) TOPOLOGY: linear
226

227 (ii) MOLECULE TYPE: RNA
228

229
230 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:
231

232 AACGACAGCG UU

12

233
234
235 (2) INFORMATION FOR SEQ ID NO:9:
236

237 (i) SEQUENCE CHARACTERISTICS:
238 (A) LENGTH: 15 base pairs
239 (B) TYPE: nucleic acid
240 (C) STRANDEDNESS: single
241 (D) TOPOLOGY: linear
242

243 (ii) MOLECULE TYPE: DNA
244

245
246 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:
247

248 GAGCTGAGCT GGGGT

15

249
250
251 (2) INFORMATION FOR SEQ ID NO:10:
252

253 (i) SEQUENCE CHARACTERISTICS:
254 (A) LENGTH: 20 base pairs
255 (B) TYPE: nucleic acid
256 (C) STRANDEDNESS: single
257 (D) TOPOLOGY: linear
258

PAGE: 1

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/08/728,463

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Line	Error	Original Text
28	Wrong application Serial Number	(A) APPLICATION NUMBER: US Not yet assigned